INTEGRATED ULTRASONIC SYSTEMS FOR NON-INVASIVE THERAPY

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Establish scientific basis for non-invasive treatment of cancer and heart disease (e.g. ventricular arrhythmia) with precise monitoring and control

National Cancer Institute and National Heart, Lung, and Blood Institute

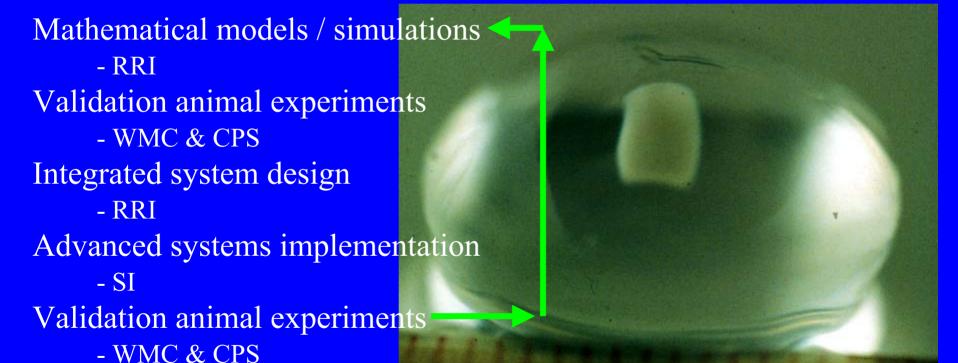
Ultrasonic Beams

- low intensity
- high intensity

- Tissue Interaction
 - thermal
 - mechanical

Goals

- Aim / Treat
- Monitor / Control



2-sec thermal lesion in bovine lens (model of solid tissue)